

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/522,582
Source: IFW0
Date Processed by STIC: 07/10/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 07/10/2006

PATENT APPLICATION: US/10/522,582

TIME: 09:41:13

Input Set : A:\Sequence Listing N10038PCT.ST25.txt

Output Set: N:\CRF4\07102006\J522582.raw

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3 <110> APPLICANT: NOXXON Pharma AG
5 <120> TITLE OF INVENTION: Ghrelin binding nucleic acids
7 <130> FILE REFERENCE: N 10038 PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/522,582
C--> 9 <141> CURRENT FILING DATE: 2005-01-26
9 <160> NUMBER OF SEQ ID NOS: 125
11 <170> SOFTWARE: PatentIn version 3.1
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 28
15 <212> TYPE: PRT
16 <213> ORGANISM: Rattus rattus
18 <400> SEQUENCE: 1
20 Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
21 1          5          10          15
24 Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
25          20          25
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 83
30 <212> TYPE: RNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: RNA pool
36 <220> FEATURE:
37 <221> NAME/KEY: misc_feature
38 <222> LOCATION: (22)..(61)
39 <223> OTHER INFORMATION: nucleotide = a, g, c or u
42 <400> SEQUENCE: 2
W--> 43 ggagcucaga cuucacucgu gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60
45 ncacguacca cugucgguuc cac 83
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 83
50 <212> TYPE: RNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: RNA pool (reverse complementary strand)
56 <220> FEATURE:
57 <221> NAME/KEY: misc_feature
58 <222> LOCATION: (23)..(62)
59 <223> OTHER INFORMATION: nucleotide = a,g,c or u
62 <400> SEQUENCE: 3
W--> 63 guggaaccga cagugguacg ugnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60
65 nncacgagug aagucugagc ucc 83
68 <210> SEQ ID NO: 4

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69 <211> LENGTH: 38
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: primer
76 <220> FEATURE:
77 <221> NAME/KEY: promoter
78 <222> LOCATION: (1)..(19)
79 <223> OTHER INFORMATION: T7 promoter
82 <400> SEQUENCE: 4
83 tctaatacga ctactatag gagctcagac ttcactcg          38
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 20
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: primer
94 <400> SEQUENCE: 5
95 gtggaaccga cagtggtag          20
98 <210> SEQ ID NO: 6
99 <211> LENGTH: 102
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: DNA pool
106 <220> FEATURE:
107 <221> NAME/KEY: misc_feature
108 <222> LOCATION: (41)..(80)
109 <223> OTHER INFORMATION: nucleotide is a, g, c or t
112 <400> SEQUENCE: 6
W--> 113 tctaatacga ctactatag gagctcagac ttcactcgtg nnnnnnnnnn nnnnnnnnnn          60
115 nnnnnnnnnn nnnnnnnnnn cacgtaccac tgtcggttcc ac          102
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 82
120 <212> TYPE: RNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
126 <400> SEQUENCE: 7
127 ggagcucaga cuucacucgu gugaggcaau aaaacuuaag uccgaaggua accaauccua          60
129 cacguaccac ugucgguucc ac          82
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 47
134 <212> TYPE: RNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
140 <400> SEQUENCE: 8
141 cgugugaggc aauaaaacuu aaguccgaag guaaccaauc cuacacg          47

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144 <210> SEQ ID NO: 9
145 <211> LENGTH: 82
146 <212> TYPE: RNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
152 <400> SEQUENCE: 9
153 ggagcucaga cuucacucgu gugaggcagu aaaacuuaag uccgaaggua accaauccua      60
155 cacguaccac ugucgguucc ac                                             82
158 <210> SEQ ID NO: 10
159 <211> LENGTH: 47
160 <212> TYPE: RNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
166 <400> SEQUENCE: 10
167 cgugugaggc aguaaaacuu aaguccgaag guaaccaauc cuacacg                47
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 82
172 <212> TYPE: RNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
178 <400> SEQUENCE: 11
179 ggagcucaga cuucacucgu gugaggcaau aaaacuuaag uccgaaggua accaauccug      60
181 cacguaccac ugucgguucc ac                                             82
184 <210> SEQ ID NO: 12
185 <211> LENGTH: 47
186 <212> TYPE: RNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
192 <400> SEQUENCE: 12
193 cgugugaggc aauaaaacuu aaguccgaag guaaccaauc cugcacg                47
196 <210> SEQ ID NO: 13
197 <211> LENGTH: 82
198 <212> TYPE: RNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
204 <400> SEQUENCE: 13
205 ggagcucaga cuucacucgu gugaggcaau aaaacauaag uccgaaggua accaauccua      60
207 cacguaccac ugucgguucc ac                                             82
210 <210> SEQ ID NO: 14
211 <211> LENGTH: 47
212 <212> TYPE: RNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid

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218 <400> SEQUENCE: 14
219 cgugugaggc aaauaaacau aaguccgaag guaaccaauc cuacacg 47
222 <210> SEQ ID NO: 15
223 <211> LENGTH: 82
224 <212> TYPE: RNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
230 <400> SEQUENCE: 15
231 ggagcucaga cuucacucgu gugaggcaau aaaacguaag uccgaaggua accaauccua 60
233 cacguaccac ugucgguucc ac 82
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 47
238 <212> TYPE: RNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
244 <400> SEQUENCE: 16
245 cgugugaggc aaauaaacgu aaguccgaag guaaccaauc cuacacg 47
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 84
250 <212> TYPE: RNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
256 <400> SEQUENCE: 17
257 ggagcucaga cuucacucgu gugaggcaau aaaacuugua aguccgaagg uaaccaaucc 60
259 uacacguacc acugucgguu ccac 84
262 <210> SEQ ID NO: 18
263 <211> LENGTH: 49
264 <212> TYPE: RNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
270 <400> SEQUENCE: 18
271 cgugugaggc aaauaaacuu guaaguccga agguaaccaa uccuacacg 49
274 <210> SEQ ID NO: 19
275 <211> LENGTH: 83
276 <212> TYPE: RNA
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
282 <400> SEQUENCE: 19
283 ggagcucaga cuucacucgu gugaggcaau aaaaacuuaa guccgaaggu aaccaauccu 60
285 acacguacca cugucgguuc cac 83
288 <210> SEQ ID NO: 20
289 <211> LENGTH: 48
290 <212> TYPE: RNA
291 <213> ORGANISM: Artificial Sequence

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293 <220> FEATURE:
294 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
296 <400> SEQUENCE: 20
297 cgugugaggc aaiaaaaaacu uaaguccgaa gguaaccaau ccuacacg      48
300 <210> SEQ ID NO: 21
301 <211> LENGTH: 85
302 <212> TYPE: RNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
308 <400> SEQUENCE: 21
309 ggagcucaga cuucacucgu gcgugaggc aaaaacguaa gaccgaaggu aaccauuccu      60
311 acccacguac cacugucggu uccac      85
314 <210> SEQ ID NO: 22
315 <211> LENGTH: 50
316 <212> TYPE: RNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
322 <400> SEQUENCE: 22
323 cgugcgguga ggcaaaaacg uaagaccgaa gguaaccauu ccuacccacg      50
326 <210> SEQ ID NO: 23
327 <211> LENGTH: 85
328 <212> TYPE: RNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
334 <400> SEQUENCE: 23
335 ggagcucaga cuucacucgu gugagguagu aaaaaaacgu aaauccgaag guaaccaauc      60
337 cuacacguac cacugucggu uccac      85
340 <210> SEQ ID NO: 24
341 <211> LENGTH: 50
342 <212> TYPE: RNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
348 <400> SEQUENCE: 24
349 cgugugaggu aguaaaaaaa cguaaauccg aagguaacca auccuacacg      50
352 <210> SEQ ID NO: 25
353 <211> LENGTH: 88
354 <212> TYPE: RNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Ghrelin-binding nucleic acid
360 <400> SEQUENCE: 25
361 ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa cguaaauccg aagguaacca      60
363 auccuacacg uaccacuguc gguuccac      88
366 <210> SEQ ID NO: 26
367 <211> LENGTH: 53

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\Sequence Listing N10038PCT.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. ~~20~~,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41

Seq#:2; N Pos. 42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61

Seq#:3; N Pos. ~~23~~,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42

Seq#:3; N Pos. 43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

Seq#:6; N Pos. 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60

Seq#:6; N Pos. 61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80

VERIFICATION SUMMARY

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Input Set : A:\Sequence Listing N10038PCT.ST25.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

M:341 Repeated in SeqNo=2

L:63 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

M:341 Repeated in SeqNo=3

L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0

M:341 Repeated in SeqNo=6